




Coordinated Prevention Grants - CPG -

Biennial Report

Local Toxics Control Account Dollars at Work 2000-2001 Grant Cycle

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STATE OF WASHINGTON

DEPARTMENT OF ECOLOGY

P.O. Box 47600 • Olympia, Washington 98504-7600
(360) 407-6000 • TDD Only (Hearing Impaired) (360) 407-6006

July 1, 2003

Dear Solid Waste Friends:

I am pleased to present the Coordinated Prevention Grant Program (CPG) Biennial Report for the 2000-01 Grant Cycle. This report documents where grant dollars were spent and outlines the categories of activities where these expenditures occurred. During the past two-year period, Ecology's Solid Waste and Financial Assistance Program has administered over \$17 million in grants to assist local governments and jurisdictional health departments in their efforts to protect and preserve the state's environment.

I am confident that local governments and health departments are achieving environmental results through their wise investment of state and local dollars. The CPG has been challenged by the Legislature to quantify the environmental outcomes achieved through these investments.

To meet this challenge, we are looking at how to redesign performance reporting so we can provide outcome information needed to show the effectiveness of state and local government investment decisions in achieving environmental results. In order to develop these new reporting requirements, we have enlisted the cooperation of the grant recipients. The CPG Revision Work Group included 9 local government representatives among a total of 12 members and has been working together since August, 2002 toward this end. The Work Group recently held its last meeting and has proposed some recommendations. Information on the CPG program revisions and process can be found online at <http://www.ecy.wa.gov/programs/swfa/cpg/>.

In our effort to continuously improve this report and our performance measurement we have included thought provoking questions in some sections. We encourage readers to contemplate these questions and feel free to contact Steve Loftness at stlo461@ecy.wa.gov with your thoughts. In addition, if you have any questions or comments about the document or specific CPG activities, please do not hesitate to contact the state or local government contacts identified throughout the report and in the appendices.

This report does not include the 2 million dollars in sustainability pilot projects because they were conducted during the 2001-2002 grant cycle. They will be discussed in the next CPG Biennial Report.

I hope you find this report interesting and informative.

Sincerely,

A handwritten signature in cursive script that reads "Cullen D. Stephenson".

Cullen D. Stephenson, Program Manager
Solid Waste and Financial Assistance Program

Acknowledgements

This report was prepared by the Statewide Resources Section of the Solid Waste Financial Assistance Program in cooperation with regional grant managers and grant recipients.

Information and assistance was provided by numerous local government staff who reported their progress in achieving environmental benefits under the Coordinated Prevention Grant (CPG) Program

Ecology Regional CPG Officers in the Solid Waste and Financial Assistance Program

Mikel Baxter
Mike Drumright
Glenn Duncan
Curtis Durrant
Dan Koroma
Kristen Dorwin
Steven Williams

Ecology Headquarters Staff in the Solid Waste and Financial Assistance Program

Jim Bill
Suzanne Crouch
Gloria Dreyer
David Giglio
Annette Gregor
Lydia Lindwall
Steve Loftness
Michelle Payne





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Executive Summary

The purpose of the Coordinated Prevention Grant (CPG) Program is to help local governments develop, implement, and enforce their local solid and moderate risk waste management plans. These plans have been developed to help local government better manage and contain community wastes, and to minimize or eliminate the generation of hazardous substances and solid waste.









Key concerns addressed through the CPG and the local plans are consistent with the goals of the state's Solid Waste Plan and future statewide direction under development through the Beyond Waste Project. Those being:

-  Maintaining needed solid-waste-handling infrastructure and programs.
-  Reducing and preventing waste wherever possible.
-  Increasing recycling and recovery of materials that are now discarded.
-  Cleaning up pollution from closed landfills and dumps. (CPG is used for cleaning up illegal dumps.)

In a normal two-year appropriation cycle, approximately \$16 million is allocated to local government under the CPG Program. These grants leverage an estimated \$25 million worth of solid and moderate risk waste projects when the local match component is included. Needs for financial assistance continue to grow as budgets at the local and state level get smaller.

Significant Observations:

Several key points of interest were identified during the drafting of this report. Probably the most important realization is that local and state programs have been accomplishing much in the waste reduction and recycling arena. We should celebrate this progress. We also must keep in mind we are not yet significantly reducing wastes, and we have not met the state's recycling goal of 50%. Other significant observations for the grant period include:

-  The CPG funding for the 2000-01 cycle was spent as follows:
 - 47 percent on hazardous waste activities (\$7,280,003)
 - 36.5 percent on waste reduction and recycling activities (\$5,603,281)
 - 16.5 percent on solid waste enforcement activities (\$2,565,691)
-  Local governments are undergoing considerable efforts in the solid and hazardous waste arena that are not being funded or reported through the CPG.
-  Local government waste reduction and recycling education programs funded by the CPG Program reached 15 percent of the public in 2000 and 2001 through workshops or events concerning waste reduction and recycling,
-  Household hazardous waste education programs reached 10 percent of the public.
-  We have not established any correlation between dollars spent on education programs and improvements in recycling rates. Although we have spent over \$17 million statewide over the last seven years on educational activities, the recycling rates have not changed significantly.
-  Local health jurisdictions used CPG dollars to conduct over 2,500 inspections of permitted solid waste facilities.
-  Over 8,800 solid waste complaints were resolved during this grant period. This represents an increase of 105 percent from the 1999-2000 CPG cycle.
-  The CPG program is being revised with a greater focus being placed on outcome results. Probable environmental benefits will be used as a criterion for awarding grants. The revised

CPG program will continue the tradition of state and local partnerships and will promote learning about the most successful strategies for reducing waste and pollution. The CPG revisions will be incorporated into the grant guidelines for the 2004-05 grant cycle.

There are information gaps that occur during data collection that make it impossible for Ecology to show the complete picture of the status of solid waste management in the state. We believe it is necessary to have some means of collecting data on all solid waste management activities, not just those funded by state grant dollars, and to have some means of determining the value obtained through the investments.

However, an analysis of the data alone cannot provide all the answers that will help us better reach waste reduction and recycling goals. Ecology is beginning to transition from a focus on managing wastes to one focused more on reducing wastes. The CPG program is an important tool that can be used to help local government meet statewide goals to support this “Beyond Waste” effort.





Throughout the report you will find some questions under the heading: “***Some questions for further thought.***” They are intended to provoke thought about continuous improvement of the CPG program with particular attention to environmental results and collection of performance data. These are some of the questions we are asking of ourselves while considering ways to achieve CPG Program improvements and support the goals of the Beyond Waste Project. For more information about the Beyond Waste Project, please see Ecology’s web site at: <http://www.ecy.wa.gov/beyondwaste/>.

If you would like to discuss any of these questions for further thought, provide answers or your opinions, please contact Steve Loftness, CPG Coordinator at stlo461@ecy.wa.gov.




Introduction & Background

The purpose of the Coordinated Prevention Grant Program is to help local governments develop, implement, and enforce their local solid and moderate risk waste management plans. The goals of the program are to minimize or eliminate the generation of hazardous substances and solid waste to protect and preserve the air, land, and water resources of Washington State. Ecology is beginning to transition from a focus on managing wastes to one focused more on reducing wastes. The CPG program is an important tool that can be used to help local government meet statewide goals to support this “Beyond Waste” effort.

Key concerns addressed through the CPG and the local plans are consistent with the goals of the state’s Solid Waste Plans and future statewide direction under development through the Beyond Waste Project. Those being:

-  Maintaining needed solid-waste-handling infrastructure and programs.
-  Reducing and preventing waste wherever possible.
-  Increasing recycling and recovery of materials that are now discarded.
-  Cleaning up pollution from closed landfills and dumps. (CPG is used for cleaning up illegal dumps.)

To assist with funding these efforts, the Model Toxics Control Act (RCW 70.105D.070) established a tax on the first in-state possession of certain hazardous substances. Of that tax, 53 percent is deposited into the Local Toxics Control Account (LTCA) for the department to award grants or loans to local government for the following purposes in priority order:

-  Cleanup of hazardous waste sites.
-  Implementation of local hazardous waste plans and programs.
-  Implementation of local solid waste plans and programs.

The Department has designated 60 percent of these LTCA funds for the cleanup of hazardous substances (Priority 1), and 40 percent for the implementation of solid and hazardous waste plans and programs (Priorities 2 & 3), which includes the Coordinated Prevention Grant (CPG) Program. In a normal two-year appropriation cycle, approximately \$16 million is allocated for local government under the CPG Program. Under the 2000-01 CPG cycle, a total of \$15,449,075 in Local Toxics Account funds were spent. Combined with the local government match funds, the CPG grants leveraged an estimated \$25 million worth of solid and moderate risk waste projects. In addition, in communities throughout the state, much good work is happening that is not included in this report because CPG grants were not used to fund these activities.

The CPG funding during this cycle was allocated by county, and split among eligible jurisdictions within the counties. For the past few cycles, a fixed amount plus per capita allocation formula was used for solid and hazardous waste planning and management. Solid waste enforcement funds, although part of CPG, are allocated separately based on a fixed amount per health jurisdiction. Grant recipients provided a cash match equaling 25 to 40 percent of the total eligible costs of their projects. The lower amount was available to economically disadvantaged counties for the 2000-01 grant cycle. The match for all counties was lowered to 25 percent for the 2002-03 grant cycle.

Local governments are continually improving their programs to increase their efficiency and effectiveness, using CPG money for a wide array of tasks in support of a more sustainable Washington. They used CPG grants to educate the public about waste reduction, recycling, and waste management practices. These waste reduction and recycling education programs reached 15 percent of the public in 2000 and 2001. Household hazardous waste education programs reached 10 percent of the public during this time period. For more information about education activities see the section on CPG education and outreach beginning on page 12.

To ensure protection of public health and the environment, local health jurisdictions also used CPG dollars on solid waste enforcement activities. During the grant cycle, local government conducted over 2,500 inspections of permitted solid waste facilities and resolved over 8,800 complaints (this represents an increase of 105 percent when compared to the 1999-2000 CPG cycle.) The resolution of 5,370 complaints remained in process at the end of the 2000-2001 cycle. Some of these complaints were carryover from previous grant cycles. For additional information about enforcement activities, see the section on solid waste enforcement beginning on page 20.

Program Revisions Current and Planned

The CPG Program completed a stakeholder process during the 2000-01 grant cycle for the purpose of simplifying the grant application and streamlining the reporting. Recipients from around the state were invited to comment on the program and make recommendations for improvements. One of the changes proposed and ultimately approved was establishing a standard 25 percent match requirement for all applicants, thereby eliminating the economic hardship provisions. The result of this stakeholder process was a rule revision for the CPG Program (Chapter 173-312 WAC) which was finalized in March 2002. The rule revision was necessary to reflect the approved changes as well as to eliminate references to funding sources no longer available. New guidelines were written in June 2001, according to the proposed rule, and were put into effect for the grant period of January 2002 to December 2003.

Later in June of 2001 the Governor signed new legislation, HB 1785, that required significant changes to state-run environmental grant programs. Since the grant cycle was already underway, with grant agreements signed under the newly adopted guidelines, it was not possible to immediately implement the requirements set out in HB1785. A stakeholder process was initiated in 2002 to craft the implementation of HB1785 for the CPG Program. This second revision process required Ecology to adopt certain investment practices in the administration of all its grant programs. The Joint Legislative Audit and Review Committee (JLARC) examined several of Ecology's grant programs in terms of environmental results obtained for the grant dollars invested. The programs have been directed by the Legislature to focus on environmental outcomes, and as a result, new CPG performance reporting measures are being developed in partnership with local government.

This revised program will focus more on outcomes, using probable environmental benefits as a means of approving projects under the grants. The CPG program will continue the tradition of state and local partnerships and will promote learning about the most successful strategies for reducing waste and pollution. The outcome of these efforts will be incorporated into the CPG guidelines for the 2004-05 grant cycle.

Throughout the report you will find some questions under the heading: “Some questions for further thought”. They are intended to provoke thought about continuous improvement of the CPG program with particular attention to environmental results and collection of performance data. These are some of the questions Ecology is asking itself while considering ways to achieve CPG Program improvements and support the goals of the Beyond Waste Project. For more information about the Beyond Waste Project, please see Ecology’s web site at: <http://www.ecy.wa.gov/beyondwaste/>.

If you would like to discuss any of these questions for further thought, provide answers or your opinions, or if you have any questions about this report; please contact Steve Loftness, CPG Coordinator at stlo461@ecy.wa.gov.

Summary of Results from the 2000-01 CPG Cycle

The remainder of this report provides a summary of the solid and hazardous waste achievements made by local governments through Coordinated Prevention Grants during the 2000-01 CPG grant cycle. It will not show all of the statewide efforts or local successes, only those being funded by state grant dollars. The appendices contain tables of more detailed information about the CPG program.

2000-01 CPG Grant Categories and Expenditures

Table 1 shows the waste management activities funded by the CPG Program for the 2000-01 grant cycle. Activities are listed in order of dollar amount spent. Local governments also matched these dollars with 25 percent local funding (or over \$5 million) and in many cases spent additional local dollars on these activities. We do not know the total amounts spent statewide on each of these solid and hazardous waste activities. Local governments only reported on activities funded by the CPG. The amounts provided in Table 1 and Table 2 show actual expenditures. These figures may vary from the grant amounts initially allocated for each activity.

Table 1 – CPG Spending by Activity

Table 1		
CPG Program Spending by Activity		
2000-01 GRANT CYCLE Total Expenditures		
Category		Amount
Household Hazardous Waste Collection and Disposal	(HWCD)	\$5,338,526
Waste Reduction and Recycling—Activities	(WRRRA)	\$3,878,815
Solid Waste Enforcement	(SWE)	\$2,565,691
Waste Reduction and Recycling—Capital	(WRRC)	\$1,496,965
Small Quantity Generator Implementation	(SQG)	\$ 933,286
Household Hazardous Waste Implementation	(HHWI)	\$ 688,303
Solid Waste Planning	(SWP)	\$ 227,501
Moderate Risk Waste—Capital	(MWRC)	\$ 190,988
Hazardous Waste Planning and Evaluation	(HWPE)	\$ 129,000
TOTAL (state share invoiced by 7/23/02)		\$15,449,075

The information provided in Table 2 identifies the total CPG spending by waste category. It shows that spending on hazardous waste activities accounted for 47 percent of the total CPG budget. Waste reduction and recycling related spending accounted for 36.5 percent of the budget. The remaining 16.5 percent of the CPG dollars were spent on solid waste enforcement activities.

Table 2 – CPG Program Spending by Category

Table 2								
CPG Program Spending by Category								
HWCD	SQG	HHWI	MRWC	HWPE	WRRRA	WRRRC	SWP	SWE
5,338,526	933,286	688,303	190,988	129,000	3,878,815	1,496,965	227,501	2,565,691
TOTALS								
Hazardous Waste			Waste Reduction and Recycling			Solid Waste Enforcement		
\$7,280,003 (47%)			\$5,603,281 (36.5%)			\$2,565,691 (16.5%)		

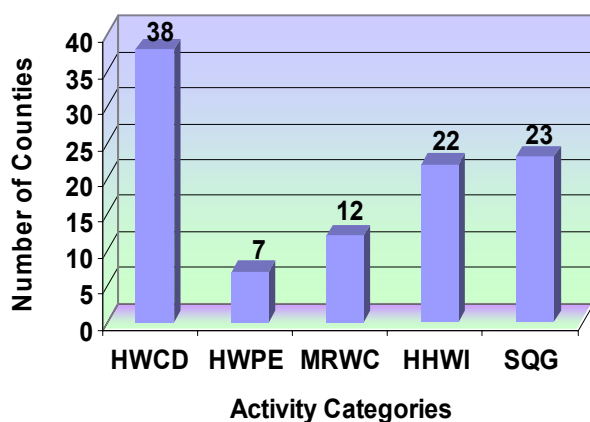
CPG Program Category Descriptions

There are two tables in Appendix B beginning on page 24 that provide more detailed information on CPG grant categories. Table 20, found on page 24 in Appendix B, describes the general categories of solid and hazardous waste management the grants are aligned with and gives examples of how the grant funds are typically spent in each of these categories. This table also shows the amount of the state's grant funding provided by category during the 2000-2001 grant cycle and in the previous 1999-2000 grant cycle. Table 21, beginning on page 25 in Appendix B, lists the specific grants issued for the 2000-2001 grant period, these describe in some detail the specific activities occurring within each county. Contact names and phone numbers for the counties are also provided in case you want more information about a project.

CPG Activities and Grant Allocations

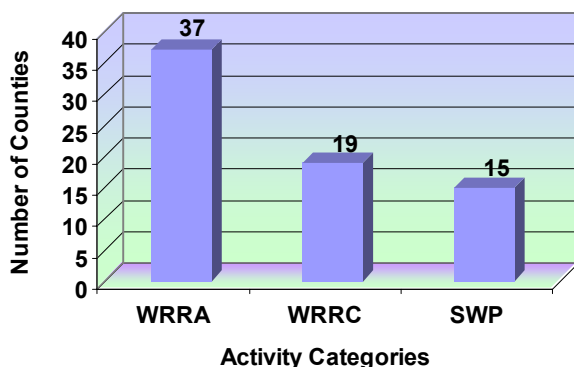
The discretionary aspect of CPG allows recipients to set priorities based on their local needs and choose the projects on which they want to spend their CPG grants. The CPG activity categories and the number of counties with projects in each of the categories are depicted in Charts 1 & 2. Chart 1 provides information on hazardous waste activities and Chart 2 on waste reduction, recycling, and solid waste planning activities.

Chart 1: Counties spending by hazardous waste activity category for 2000–01



- **HWCD** = Hazardous Waste Collection and Disposal (All counties but Wahkiakum spent in this category)
- **HWPE** = Hazardous Waste Planning and Evaluation
- **MRWC** = Moderate Risk Waste Capitol
- **HHWI** = Household Hazardous Waste Implementation
- **SQG** = Small Quantity Generator

Chart 2: Counties spending by waste reduction, recycling, and solid waste planning activity category for 2000 – 2001



- **WRRRA** = Waste Reduction Recycling Activities
- **WRRRC** = Waste Recycling Related Capital
- **SWP** = Solid Waste Planning

Actual grant amounts spent by category are provided for each county on the next four pages. The County data is grouped by Ecology Region. Zeros in the tables are more likely representative of inadequate measurement or reporting, rather than an absence of any activity.

CPG Expenditures by Ecology Region

Central Region

Solid Waste Activities

Table 3			
CPG Waste Reduction, Recycling, & Solid Waste Planning Expenditures by Central Region			
County	Activity		
	WRRRA	WRRRC	SWP
Benton	107,446	14,517	0
Chelan	18,509	81,006	2,652
Douglas	24,049	0	30,776
Kittitas	42,925	25	0
Klickitat	67,917	0	9,031
Okanogan	9,453	110,039	0
Yakima	42,340	0	0
CRO total	312,639	205,587	42,459

Hazardous Waste Activities

Table 4					
CPG Hazardous Waste Activities Expenditures by Central Region					
County	Activity				
	HWCD	SQG	HHWI	MRWC	HWPE
Benton	178,625	0	0	0	0
Chelan	81,632	2,238	0	52,853	0
Douglas	53,592	4,946	16,933	12,450	0
Kittitas	64,413	5,504	5,015	62,364	0
Klickitat	27,087	678	16,164	0	423
Okanogan	68,345	0	0	0	0
Yakima	402,153	18,413	0	0	0
CRO total	875,847	31,779	38,112	127,667	423

Eastern Region

Solid Waste Activities

Table 5			
CPG Waste Reduction, Recycling, And Solid Waste Planning Expenditures by Eastern Region			
County	Activity		
	WRRRA	WRRRC	SWP
Adams	80,574	9,620	0
Asotin	42,000	0	0
Columbia	12,051	0	1,900
Ferry	16,815	3,546	2,540
Franklin	81,699	0	0
Garfield	60,768	0	5,360
Grant	38,504	9,478	0
Lincoln	20,440	13,819	0
Pend Oreille	19,258	0	2,582
Spokane	354,710	13,701	0
Stevens	27,788	45,731	3,702
Walla Walla	50,000	0	5,000
Whitman	69,073	0	0
ERO total	873,680	95,895	21,084

Hazardous Waste Activities

Table 6					
CPG Hazardous Waste Activities Expenditures by Eastern Region					
County	Activity				
	HWCD	SQG	HHWI	MRWC	HWPE
Adams	25,386	0	0	0	0
Asotin	69,744	0	0	0	0
Columbia	30,205	0	0	0	15,905
Ferry	5,196	0	1,365	428	0
Franklin	39,506	443	39,371	9,746	0
Garfield	1,213	0	0	0	0
Grant	79,187	1,219	9,693	0	0
Lincoln	3,699	0	0	0	0
Pend Oreille	47,340	0	373	0	2,582
Spokane	336,745	5,726	95,081	0	0
Stevens	30,925	0	9,940	18,843	0
Walla Walla & Columbia	100,000	0	0	0	70,000
Whitman	38,160	0	3,817	0	0
ERO total	807,306	7,388	159,640	29,017	88,487

Southwest Region

Solid Waste Activities

Table 7			
CPG Waste Reduction, Recycling, & Solid Waste Planning Expenditures by Southwest Region			
County	Activity		
	WRRRA	WRRRC	SWP
Clallam	63,831	0	0
Clark	264,000	0	0
Cowlitz	55,244	23,705	0
Grays Harbor	50,000	0	0
Jefferson	25,390	0	0
Lewis	47,905	0	0
Mason	101,553	0	0
Pacific	3,750	5,543	11,250
Pierce	643,401	191,426	41,111
Skamania	11,625	41,594	19,537
Thurston	173,325	0	4,200
Wahkiakum	0	12,000	10,500
SWRO total	1,440,024	274,268	86,598

Hazardous Waste Activities

Table 8					
CPG Hazardous Waste Activities Expenditures by Southwest Region					
County	Activity				
	HWCD	SQG	HHWI	MRWC	HWPE
Clallam	77,446	7,307	23,577	4,121	11,286
Clark	312,000	107,268	0	0	0
Cowlitz	163,500	4,500	0	0	0
Grays Harbor	130,000	11,384	15,000	0	0
Jefferson	94,862	0	0	11,276	0
Lewis	125,812	0	18,293	15,592	0
Mason	60,714	2,883	0	0	0
Pacific	109,394	3,578	0	0	0
Pierce	194,894	98,681	105,480	0	10,440
Skamania	26,666	0	0	0	0
Thurston	27,600	131,400	60,000	0	0
Wahkiakum	0	0	0	0	0
SWRO total	1,322,888	367,001	222,350	30,989	21,726

Northwest Region

Solid Waste Activities

Table 9			
CPG Waste Reduction, Recycling, & Solid Waste Planning Expenditures by Northwest Region			
County	Activity		
	WRRRA	WRRC	SWP
Island	0	0	0
King	695,733	835,909	77,360
Kitsap	134,362	0	0
San Juan	40,036	31,000	0
Skagit	92,074	0	0
Snohomish	117,680	54,306	0
Whatcom	172,587	0	0
NWRO total	1,252,472	921,215	77,360

Hazardous Waste Activities

Table 10					
CPG Hazardous Waste Activities Expenditures by Northwest Region					
County	Activity				
	HWCD	SQG	HHWI	MRWC	HWPE
Island	211,330	0	0	3,248	0
King	717,995	356,086	172,677	0	18,364
Kitsap	245,371	94,718	36,398	0	0
San Juan	30,794	1,405	2,581	67	0
Skagit	109,583	26,690	10,194	0	0
Snohomish	839,080	42,777	37,951	0	0
Whatcom	178,332	5,442	8,400	0	0
NWRO total	2,332,485	527,118	268,201	3,315	18,364

CPG Education and Outreach

The next three tables provide information about the education and outreach activities performed by local governments under the CPG Program. The purpose of these activities is to inform households and businesses about the goals of local hazardous waste management plans. Please keep in mind that these are not the only education and outreach activities happening at the local level, but only those reported as funded in part by state grant dollars. In addition, some counties did not report the number of participants attending their events so the data is not complete. Education and outreach activities occurred throughout many of the categories listed in Table 1 on page 5.

Waste Reduction and Recycling Education and Information Summary

Local governments used \$3,878,815 awarded to noncapital waste reduction and recycling activities for educational activities (brochures, workshops, events, technical assistance visits). The goals of these activities were to influence behavior in the communities, to gain increases in the amount of materials being recycled, and to educate the public about alternatives that can help reduce the amount of wastes being produced.

Table 11 illustrates the waste reduction and recycling education and outreach activities reported by each of the counties and compiled by Ecology region. According to the information provided by local governments, they involved up to 15 percent of the state's population in waste reduction and recycling workshops or related events, and up to 25 percent of the population received waste reduction and recycling information (some may have received this more than once).

We have good recycling infrastructure in place and experience collecting recyclables. Recycling rates appear to be unaffected by the amount of money spent in the Education category. See Chart 3 on page 16.

Table 11 - Waste Reduction and Recycling Education & Information Summary

Table 11						
WASTE REDUCTION AND RECYCLING EDUCATION & INFORMATION SUMMARY						
	CRO	ERO	NWRO	SWRO		Statewide
Workshops, Events	120	573	618	4,018		5,329
Participants at	29,474	187,600	218,302	428,497		863,873
Pupils	2,423	13,906	23,275	16,019		55,623
Volunteers	0	417	455	228		1,100
Brochures, etc.	119,107	748,998	917,296	613,630		2,399,021
Other Educ. Contacts	1,241	669,977	750,489	42,404		1,464,111
Business Visits	0	0	50	0		50
Business Contacts	10	0	90	0		100
Other	11	6,392	250,710	7,096		264,209

Household Hazardous Waste Education and Information Summary

Table 12 on the next page illustrates the number of households receiving information about household hazardous waste. It shows that approximately 10 percent of the state's population received information on household hazardous waste. Information about the amount of money spent on household hazardous waste education and information is not readily available from the CPG status reports.

Table 12 - Household Hazardous Waste Education and Information Summary

Table 12						
HOUSEHOLD HAZARDOUS WASTE EDUCATION & INFORMATION SUMMARY						
	CRO	ERO	NWRO	SWRO	Statewide	
Workshops/Events	8	109	69	55	241	
Participants at Events	1,004	2,887	44,953	43,054	91,898	
Students at Events	0	2,278	2,903	921	6,102	
Volunteers at Events	0	231	64	220	515	
Brochures, etc.	2,433	57,806	146,489	153,713	360,441	
Other Education	555	1,232	604,072	7,326	613,185	
Other	20	15,075	14,843	0	29,938	

Some questions for further thought:

How can the CPG Program describe the direct benefit to human health and the environment resulting from these educational activities? Is it reasonable to expect a correlation between the education events funded (investments) and increases in waste reduction and recycling (outcome goal)? If there is no correlation, should CPG invest this grant money on other activities that may better stimulate recycling rates?

Small Quantity Generator Education and Information Summary

The education and outreach activities identified in Table 13 are designed to help small businesses promote practices that create less waste and increase reuse and recycling. Although the activities depicted in this table have historically helped small quantity generators (SQGs) better manage their waste, we are unable to fully correlate the results of these activities with reductions in waste generation or increases in recycling rates of moderate risk waste. Although we know the number of people attending events or receiving education materials through these events, we do not know the exact number of SQGs in the state. Every household and small business could potentially be a small quantity generator. And although we can see from Table 1 that \$933,286 was spent on implementation of small quantity generator activities, we do not know the amount spent directly on education efforts or how or if those efforts resulted in decreases in the amount of wastes being generated or disposed of during the grant cycle.

Table 13 - Small Quantity Generator Education and Information Summary

Table 13					
SMALL QUANTITY GENERATOR EDUCATION AND INFORMATION SUMMARY					
	CRO	ERO	NWRO	SWRO	Statewide
Workshops, Events	4	13	19	404	440
Participants at	10	353	624	0	987
Brochures, etc.	4	2,254	8,452	1,207	11,917
Other Education Contacts	25	11	30	617	683
Business Visits	5	38	1,127	447	1,617
Business Contacts	97	1,072	2,008	780	3,957
Other	5	6	37	1,249	1,297

CPG Educational Activities Performed by Counties

Under the CPG Program, local governments decide which projects or activities they want to spend their state grant funding on. The educational activities performed under the 2000-01 CPG grants are shown in Table 14 on the next page. The table shows, for example, which counties held workshops, printed brochures, or conducted business visits. It does not show solid or hazardous waste educational activities happening statewide that are not funded by CPG grants, so just because an activity is not reported on this table does not mean that the activity is not happening. It could mean that CPG grant dollars were not used, or that educational activities were conducted using CPG dollars but were not reported. The table also does not show the benefits or outcomes leveraged as a result of educational activities. These are important gaps in information needed to show the complete picture of the status of solid waste management in the state.

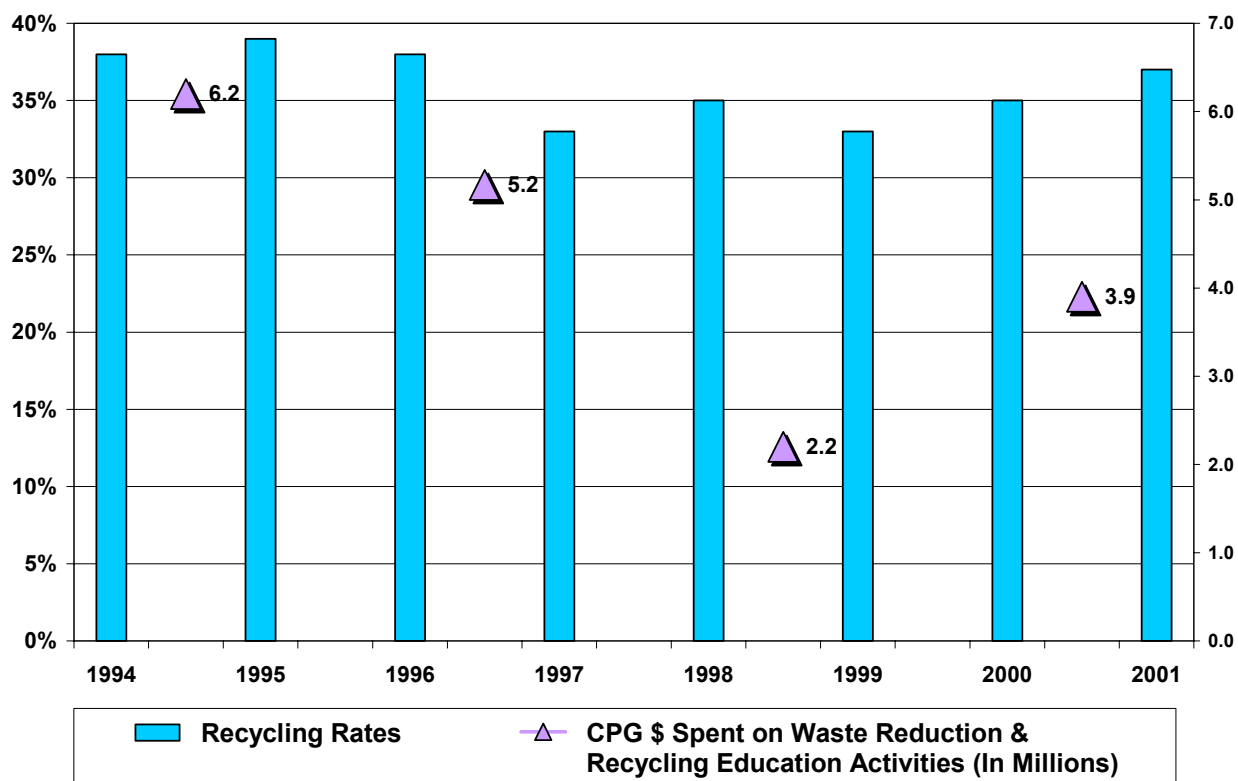


Table 14 – CPG Educational Activities Performed by Counties

	WRRE&I	Workshops/Events	Brochures, etc.	Other Education Contacts.	Business Visits	Business Contacts	Other	HHWE&I	Workshops/Events	Brochures, etc.	Other Education Contacts.	SQGE&I	Workshops/Events	Brochures, etc.	Other Education Contacts.	Business Visits	Business Contacts	Other
Grant Recipient																		
Central Region																		
Benton		X	X	X			X											
Chelan		X					X		X	X			X				X	X
Douglas		X	X	X			X		X	X	X		X	X		X	X	
Kittitas		X	X	X			X			X			X			X	X	
Klickitat		X	X	X			X							X		X	X	
Okanogan			X	X														
Yakima		X	X	X			X			X								
Eastern Region																		
Adams		X	X	X			X											
Asotin		X	X	X						X	X							
Ferry		X	X	X			X		X	X	X							
Franklin		X	X	X			X		X	X	X							
Garfield		X	X	X														
Grant		X	X	X			X		X	X	X		X	X		X	X	
Lincoln		X	X	X			X		X	X								
Pend Oreille		X	X	X					X		X							
Spokane		X	X	X			X		X	X	X		X	X	X	X	X	X
Stevens		X	X	X			X		X	X	X							
Walla Walla		X	X	X			X		X	X	X		X	X	X	X	X	X
Whitman		X	X	X			X		X	X	X							
SW Region																		
Clallam		X	X	X			X		X	X	X					X	X	X
Clark		X	X	X			X						X		X	X	X	X
Cowlitz		X	X	X			X			X				X		X	X	
Grays Harbor			X	X						X	X			X				
Jefferson		X	X	X			X											
Lewis		X	X	X			X		X	X	X							
Mason		X	X	X			X						X			X	X	X
Pacific		X	X	X			X		X	X	X					X	X	
Pierce		X	X	X			X		X	X	X		X	X	X	X	X	X
Skamania		X	X	X														
Thurston		X	X	X			X		X	X	X		X	X	X	X	X	X
Wahkiakum																		
NW Region																		
Island																		
King		X	X	X			X		X	X	X		X	X	X	X	X	X
Kitsap		X	X	X			X		X	X	X		X	X	X	X	X	X
San Juan										X	X			X	X	X	X	
Skagit		X	X	X			X		X	X	X			X			X	
Snohomish		X	X	X			X			X	X			X		X	X	X
Whatcom		X	X	X			X		X	X	X			X		X	X	X

In a comparison of recycling rates and CPG dollars spent on waste reduction and recycling education activities, the data in Chart 3 shows that between 1994 and 2001, \$17.5 million CPG dollars were spent on waste reduction and recycling education and that throughout this time the statewide recycling rate remained fairly constant. Table 16 on page 19 provides information about the kinds and amounts of hazardous substances that didn't go to the landfill during this grant period because, in part, of educational campaigns funded by the CPG and local governments.

Chart 3 - Comparison of Recycling Rates and CPG Dollars Spent on Waste Reduction and Recycling Education



Looking at the 1994-95 time period where a high of \$6.2 million CPG dollars were spent on education and the 1998-99 time period where a low of \$2.2 million CPG dollars were spent on education, there is no significant change in the recycling rates. We have not seen a significant outcome for the considerable investment of \$17.5 million state dollars over the 7-year period (an average of \$2.5 million dollars a year). The recycling rates might have been lower if these dollars had not been spent on education, but absent the quantifiable results, the data prompt questions about whether there are better ways of investing this money or collecting data that could show more direct outcomes.

Some Questions for Further Thought:

How can more funding be directed toward waste reduction efforts? Since the availability of markets for recycled materials is known to have a greater effect on recycling rates than educational activities, should the CPG Program invest more in creating new markets for materials recycling rather than continue the level of funding for education activities? Alternatively, are there ways to increase recycling and reuse of wastes without depending on educational efforts or markets (e.g. product design change, up-front fees to handle end of product life, manufacturer take-back programs, etc.)

Moderate Risk Waste Collection Statistics



Moderate risk waste is hazardous waste generated by households and small businesses. Table 15 below illustrates that 21,397,347 pounds of moderate risk waste were collected statewide during the 2000-01 grant cycle. Because these wastes were collected, the volume and toxicity of materials destined for municipal solid waste facilities were reduced, thereby extending the life of those facilities.

CPG funding of hazardous waste collection and disposal can be viewed as a preventative measure that may reduce the need for future cleanups of landfill sites. The ultimate cost for disposal of these hazardous substances can be quite high. Landfill cleanups have used \$67 million in Local Toxics Control Account funds and a similar amount of local dollars since 1989.






Table 15 - Moderate Risk Waste Statewide Collection Statistics for 2000-01

Table 15				
Moderate Risk Waste Collection, Recovery, Disposal, & Participation Statewide Totals				
	Lbs. Collected	Lbs. Recycled	Lbs. Energy Recovery	Lbs. Disposed
Statewide Total	21,397,347	11,861,972	6,693,194	2,629,312

Detailed information on moderate risk waste collections by county is provided in Appendix A, Table 19, on page 23. The Table shows the pounds of materials collected, recycled, and disposed, as well as energy recovered, and number of people either going to a collection event or dropping off materials at fixed facilities.

Household Hazardous Waste Diverted From Landfills During the 2000-01 CPG Grant Cycle

The amount of materials diverted from landfill disposal is one good measure of success for the 2000-01 grant cycle. Among all waste categories, 16,944,669 pounds (8,472 tons) of household hazardous waste were collected during the 2000-01 grant cycle. A breakdown of how much household hazardous waste was diverted from the landfill by both type of waste and county is shown in Table 16 on the next page. The data in this table is not complete because some counties:

-  Did not provide collection statistics.
-  Did not spend grant dollars on this activity, so did not report.
-  Did not collect all of the types of household hazardous wastes.
-  Partnered with another county for collection of some wastes (so they were tracked in that county).
-  Did not track amounts collected.

Although the data is incomplete, it gives us a good picture of the progress local government made during 2000-01 in preventing hazardous waste disposal in community landfills.

In addition to concern about reducing the wastes we create and dispose of in our state, there are wastes that we create and export out of state for disposal, and wastes that others create and ship to our state for disposal.

Some Questions for Further Thought:

How can we increase the amount of household hazardous waste being diverted from the landfill?
How can we prevent or reduce the generation of some of these wastes, such as pesticides?

Table 16 - Household Hazardous Waste Diverted from Landfills (in pounds)

	Motor Oil	Antifreeze	Auto Batteries	Household Batteries	Pesticides	Oil Paint	Acids	Bases
Central Region								
Benton	344,173	17,115	133,163	3,820	5,065	74,825	5,660	6,060
Chelan	11,923	2,516	3,600	450	5,634	62,976	2,516	2,200
Douglas	15,618	1,560	12,371	351	260	16,840		
Kittitas	102,626	10,120	85,300					
Klickitat	14,446		17,308	3,195	3,480	32,490	404	485
Okanogan	27,439	4,210	29,218	360	3,236	19,515	620	894
Yakima	1,617,625	142,922	291,653	62,187	16,090	270,381	8,982	13,105
Eastern Region								
Adams								
Asotin	102,387	3920	5,159		1,860	7,452	170	210
Ferry	6,364	80	410		70	276		
Franklin	194,768	4,440			300		500	2,292
Garfield			1,500					
Grant	13,330	1,500	10,000	315	4,532	13,453	333	310
Lincoln	5,920	1,180	8,015	23	770	4,140	75	145
Pend Oreille	23,172	15,469	29,940	335	496	7,140		
Spokane	1,122,755	113,338	308,919	257,856	8,360	103,135	4,400	3,960
Stevens	308,586	14,960	90,895	279	1,855	15,235		
Walla Walla	91,285	17,544	26,530	1,626	2,873	17,313	799	822
Whitman	27,911	3,280	11,970		3,307	9,890	40	495
SW Region								
Clallam	14,245	2,640	5,700	680	6,540	38,502	1,241	2,020
Clark	619,880	37,890	211,190	6,504	57,030	222,028	8,675	6,791
Cowlitz	684,720	66,060	115,980	2,148	6,473	53,347	1,434	1,458
Grays Harbor	70,356	3,491	5,695	541	4,846	26,914	3,750	3,248
Jefferson	9,938	16,336	13,689	2,022	5,250	28,905	1,288	1,093
Lewis	302,697	25,522	51,750	856	7,426	28,842	1,691	1,780
Mason	27,973	3,621	22,330	3,898	348	1,485		
Pacific	110,791		2,964		3,815	7,268	2,116	5,400
Pierce	1,712,556	93,010	48,030		110,767	384,304	15,934	10,794
Skamania	3,775	1,870	9,300	145	3,590	13,100	550	375
Thurston	309,158							
Wahkiakum								
NW Region								
Island	234,054	20,396		16,337	15,266	98,142	2,610	3,602
King	249,035	34,843	208,141	364	70,645		9,751	8,194
Kitsap	292,375	42,114	26,989	15,547	24,938	209,803	4,257	3,357
San Juan								
Skagit	223,828	38,080	25,100	14,950	2,807	101,936	1,644	2,097
Snohomish	1,092,958	120,978	692,787	5,171	35,957	557,268	10,871	20,473
Whatcom	165,291	23,823	1,645	835	10,168	57,825	1,002	1,020
Category TOTALS	10,153,958	884,828	2,507,241	400,795	319,124	2,484,730	91,313	102,680

Summary of CPG Solid Waste Enforcement Activity

Solid Waste Enforcement Grants

Solid waste enforcement grants are used by local health agencies for inspection, enforcement, and permitting of solid waste sites and facilities, and also for investigation of illegal dump complaints. The enforcement grants were used most predominantly for providing technical assistance, either general or site-specific, and investigating and resolving complaints. The SWE funds are targeted specifically for enforcement activities and are not available for other uses under the grants. The total CPG expenditures on enforcement for the 2000-01 grant cycle were about \$2.6 million or 16.5 % of the CPG budget. Initial allocations for enforcement activities were \$100,000 per single-county health department and \$150,000 per multicounty health district. Since the number of enforcement activities was less than anticipated in some counties and more in others, fund transfers occurred through a supplemental application process that shifted the enforcement dollars to the counties that had more enforcement activities.

Grant recipients reported on the number of initial and follow-up investigations of illegal dumping, of cases resolved and pending, of permit applications reviewed, of permits issued, of solid waste facility inspections, and of operational plan reviews, as well as on other technical assistance activities. Table 17 provides a tally of the number of times a local government reported conducting each of the enforcement activities during the 2000-01 CPG cycle. Data is provided by total for each Ecology Region and statewide. Table 17 shows that local health jurisdictions used CPG dollars to conduct over 2,500 inspections of permitted solid waste facilities in 2000 and 2001. Over 8,800 solid waste complaints were resolved during this period. This represents an increase of 105 percent from the 1999-2000 CPG cycle. Another 5,370 complaints are pending resolution. Some of these may be carry forward from past grant cycles.

Table 17 – CPG Solid Waste Enforcement Activity Summary

Table 17- CPG Solid Waste Enforcement Activity Summary					
Activity	Central	Eastern	Northwest	Southwest	Statewide
Initial Complaints	1,223	1,302	3,840	3,299	9,664
Follow-Ups	1,189	674	1,737	326	3,926
Number Investigated	561	1,531	2,976	1,668	6,736
Resolved	1,028	1,187	3,526	3,067	8,808
Pending	1,419	961	2,116	874	5,370
Applications reviewed	122	48	224	152	546
Permits Issued	132	59	97	213	501
Inspections	709	245	732	820	2,506
Technical Assistance Visits	453	960	1,055	319	2,787
Operational Permits Reviewed	55	36	95	48	234
Biosolids Permits Reviewed	17	9	8	8	42
Closure/Post Closure Permits Rev.	10	16	114	22	162
SW Management Plans Reviewed	27	6	4	29	66
Other Plans Reviewed	32	12	144	36	224
General Public Tech. Assistance	262	1,184	4,411	4,256	10,113
Ordinances Developed	4	1	6	6	17
Ordinances Reviewed	12	12	10	22	56

Table 18 contains the actual enforcement grant disbursements for the grant period. Initial grant allocations may have been smaller or larger than the actual expenditures found listed on the table. The grants are listed by region, health district, and grant number. Regional contacts for each enforcement grant are also provided.

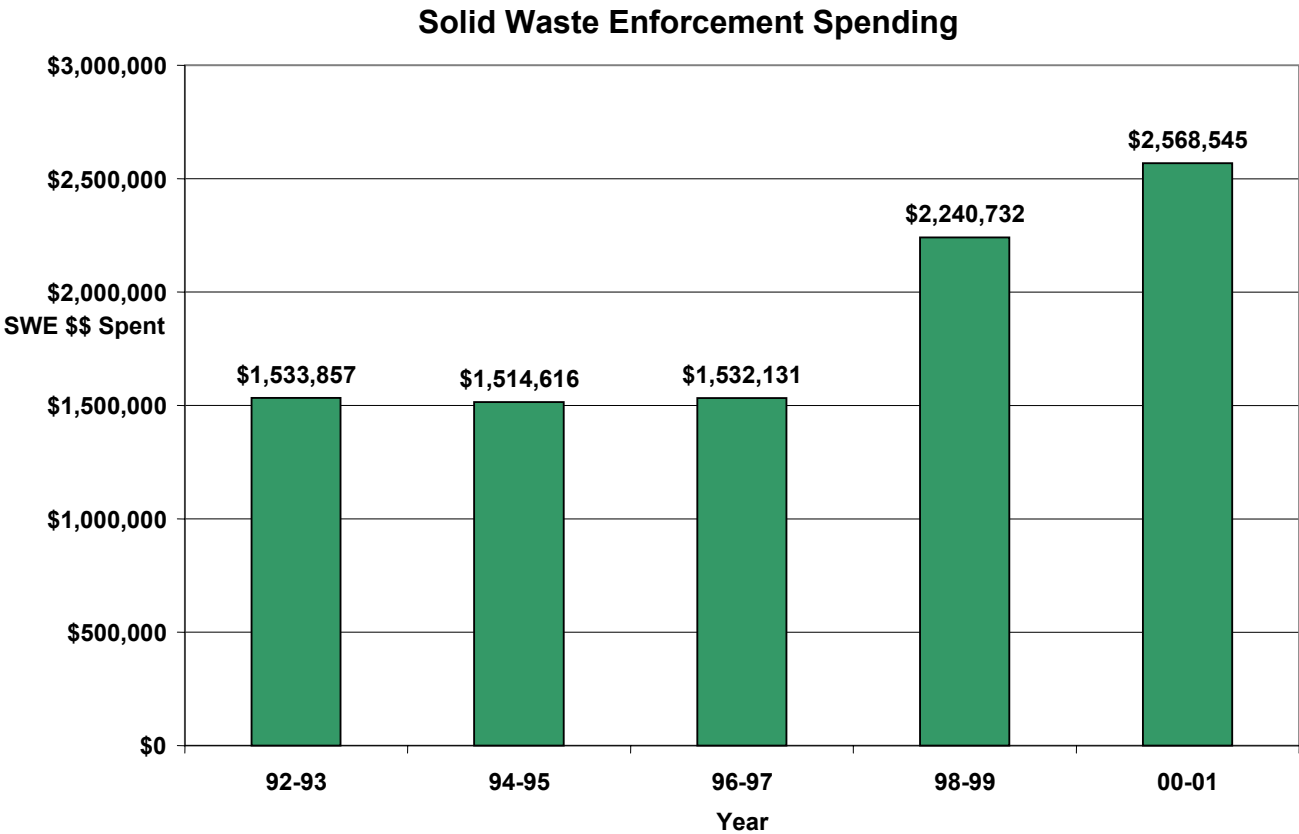
Table 18 - Solid Waste Enforcement Grants, Disbursements, and Contact Persons

Table 18 - Solid Waste Enforcement Grants, Disbursements, and Contact Persons				
Region	Recipient	Number	Amount	Contact
CENTRAL	Benton Franklin Health District	G0000088	\$93,680	James Dawson (509) 582-7761, ext 255
	Chelan Douglas Health District	G0000080	\$156,830	Suzen Hyde (509) 886-6458
	Kittitas County Health Department	G0000237	\$32,071	John Wolpers (509) 962-7698
	Klickitat County Health Department	G0000227	\$19,568	John Thayer (509) 773-4565
	Okanogan County Health District	G0000220	\$81,896	Jacqueline Bellinger (509) 422-7154
	Yakima Health District	G0000087	\$100,000	Ted Silvestri (509) 249-6562
EASTERN	Adams County Health District	G0000270	\$50,703	Juan Caballero (509) 659-3321
	Asotin County Health District	G0000254	\$13,133	Gerald Campbell/ Louis Flores (509) 766-7960 ext.24
	Columbia County Health District	G0000239	\$4,194	Ron Neu (509) 843-3412
	Garfield Co Health District	G0000269	\$2,127	
	Grant County Health District	G0000241	\$82,792	Len Ogara (509) 754-6060
	Lincoln County Environmental Health	G0000151	\$15,355	Ed Dzedzy (509) 725-2501
	NE Tri-County Health District	G0000299	\$45,130	James Matsuyama (509) 684-2262
	Spokane Regional Health District	G0000117	\$119,541	Steve Holderby (509) 324-1571
	Walla Walla County Health Department	G0000240	\$6,992	Sharon Johnson (509) 527-3282
	Whitman County Health Department	G0000268	\$15,600	John Skyles (509) 367-6280
SOUTHWEST	Clallam County Environmental Health	G0000206	\$77,818	Jennifer Barnhill (360) 417-2347
	Cowlitz County Dept. of Bldg. & Planning	G0000166	\$50,357	Larry Frazier (360) 577-3052
	Grays Harbor Environmental Health	G0000176	\$74,283	Douglas George (360) 249-4413
	Jefferson County Health	G0000192	\$59,252	Larry Fay (360) 385-9444
	Lewis County Health Department	G0000193	\$58,243	Chris Cooper (360) 740-1417
	Mason County Health	G0000216	\$100,000	Arlene Hyatt (360) 427-9670 ext. 155
	Pacific County Environmental Health	G0000175	\$92,179	Steve Hampton (360) 875-9356
	Southwest Washington Health District	G0000264	\$150,817	Gary Bickett (360) 397-8428
	Tacoma-Pierce County Health Dept.	G0000265	\$150,000	Nedda Turner (253) 798-6462
	Thurston County Public Health	G0000196	\$139,379	Rachel Donnette (360) 754-4111
NORTHWEST	Bremerton Kitsap-Co. Health Dist.	G0000134	\$180,000	Jan Brower (360) 692-3611 ext 235
	Island County Health Department	G0000140	\$81,632	Keith Higman (360) 679-7350
	San Juan Co. Health & Comm. Svs.	G0000168	\$32,298	Mark Tompkins (360) 378-4474
	Public Health—Seattle & King County	G0000171	\$100,000	Bill Heaton (206) 296-4831
	Skagit County Health Department	G0000065	\$140,000	Britt Pfaff-Dunton (360) 336-9380
	Snohomish Health District	G0000135	\$122,750	Gary Hanada (425) 339-5250
	Whatcom County Public Works	G0000169	\$117,840	Regina Delahunt (360) 676-6724

Chart 4 shows solid waste enforcement spending from its beginning round in the 1992-1993 grant cycle through the end of the 2000-2001 grant cycle.

The chart shows over the last two grant cycles enforcement allocations increased by about a million dollars per biennium. This increase allowed counties to expand illegal dumping campaigns as well as other enforcement activities.

Chart 4 – Solid Waste Enforcement Spending



Some Questions for Further Thought:

Have our investments in enforcement resulted in less need for enforcement over time? Are we making progress in eliminating illegal dumps?

APPENDIX A

Table 19 - Moderate Risk Waste Collection

	Lbs. Collected	Lbs. Recycled	Lbs. Energy Recovery	Lbs. Disposed	# of Participants
Central Region					
Benton	641,383	496,641	0	162,772	7,874
Chelan	121,736	54,520	0	67,016	1,970
Douglas	77,065	9,862	2,048	65,279	990
Kittitas		198,089	0	0	250
Klickitat	103,549	99,168	450	8,856	1,335
Okanogan	109,257	32,867	19,247	28,146	283
Yakima	2,712,294	1,386,737	1,085,825	189,731	6,787
CRO Total	3,963,373	2,277,884	1107570	521,800	19,489
Eastern Region					
Adams	415	0	0	163	0
Asotin	139,993	102,008	0	15,097	1,143
Ferry	7,661	80	6,364	0	110
Franklin	208,303	204,443	0	3,860	0
Garfield	2,252	1,500	0	1,652	0
Grant	69,586	23,770	27,034	17,894	647
Lincoln	27,277	3,013	0	0	630
Pend Oreille	89,070	66,672	0	13,080	1,218
Spokane	2,048,664	1,804,214	0	236,254	41,626
Stevens	442,624	149,289	249,182	14,364	1,044
Walla Walla	315,600	100,321	104,737	70,858	2,874
Whitman	66,619	33,557	12,047	72,380	846
ERO total	3,418,064	2,488,867	399364	445,602	50,138
SW Region					
Clallam	135,296	30,719	79,973	24,714	1,586
Clark	1,707,322	1,574,665	0	132,657	5,517
Cowlitz	1,073,180	616,940	405,146	51,094	3,056
Grays Harbor	185,770	83,351	55,317	47,102	2,892
Jefferson	159,611	72,503	17,273	71,048	2,579
Lewis	479,306	109,171	287,962	139,323	13,484
Mason	63,922	11,355	0	47,497	3,105
Pacific	177,468	2,137	119,945	47,416	251
Pierce	2,504,318	164,510	2,035,699	304,106	24,934
Skamania	64,561	38,305	15,950	6,066	410
Thurston	309,158	132,032	0	59,459	56
SWRO total	6,859,912	2,835,688	3,017,265	930,482	57,870
NW Region					
Island	483,743	330,685	33,152	131,456	5,504
King	1,664,912	1,078,012	394,539	97,143	16,095
Kitsap	785,081	180,735	572,369	54,209	73,277
Skagit	491,619	389,137	0	97,437	3,626
Snohomish	3,358,361	2,015,404	1,116,015	297,386	39,592
Whatcom	372,282	265,560	52,920	53,797	5,069
NWRO total	7,155,998	4,259,533	2,168,995	731,428	143,163
Statewide totals	21,397,347	11,861,972	6,693,194	2,629,312	270,660

APPENDIX B

Appendix B is comprised of two tables of information: Table 20 contains information on the activities performed under the CPG during the 2000-01 grant cycle. The table is arranged by activity category, and also provides the amounts spent during the last grant cycle, and a description of some of the activities supported by CPG dollars. Table 21 provides more detailed information about all 2000-01 CPG grants, expenditures by category, and specific activities funded by the CPG.

Table 20 - CPG Program Category Descriptions –

Table 20 - CPG Program Category Descriptions (LISTED IN ORDER OF AMOUNT SPENT)	
Category	Description
Household Hazardous Waste Collection and Disposal (HWCD)	Grant funds were used to pay for operating costs of fixed moderate risk waste (MRW) collection and disposal facilities, for collection events at other locations, and even for mobile collection. Moderate risk waste is defined as "(a) any waste that exhibits any of the properties of hazardous waste but is exempt from regulation under Chapter 70.105 RCW solely because the waste is generated in quantities below the threshold for regulation, and (b) any household wastes that are generated from the disposal of substances identified by the Department as hazardous household substances or substances that exhibit any of the properties of hazardous waste."
State Share Spent \$5,338,526 (last cycle \$5,069,196)	
Waste Reduction and Recycling Activities (WRRR)	In the WRRR category, recipients promoted public education and involvement through such activities as conducting presentations and workshops, training volunteer educators, creating and maintaining school programs and award programs, equipping and staffing resource centers and hotlines, and providing technical assistance and on-site visits to businesses and individuals. Other eligible activities paid for included recycling program development, recycled materials market development, and promotional and equipment costs for special collection events.
State Share Spent \$3,878,815 (last cycle \$4,222,349)	
Solid Waste Enforcement (SWE)	Solid waste enforcement grants are used by local health agencies for inspection, enforcement, and investigation of solid waste sites and facilities, and also for investigation of illegal dump complaints. The SWE funds are separate and are not available for other uses under the grants. Allocations for enforcement activities are \$100,000 per single-county health department and \$150,000 per multicounty health district. If the initial allocation is not spoken for, the money can be redirected in a supplemental funding process to jurisdictions which are able to meet the additional match requirements. Reporting of solid waste enforcement activities is a compilation of the number of initial and follow-up investigations of illegal dumping, numbers of cases resolved and pending, permit applications reviewed and permits issued, numbers of solid waste facility inspections, operational plan reviews, and other technical assistance. The 2000-01 activities are summarized in a separate section on page 19 following the other CPG activities.
State Share Spent \$2,565,691 (last cycle \$2,234,362)	
Waste Reduction and Recycling–Capital (WRRC)	These funds are used for the planning, permitting, design, and construction of facilities to store, sort, process, or compost recyclables. Operational expenses were not grant-eligible during 2000-01. Recycling collection equipment, including rolling stock, is eligible, as are other equipment items used to store, sort, process, or compost recyclables. Equipment or rolling stock used for regular solid waste collection and disposal is not eligible, nor are replacements for items previously purchased with grant funds.
State Share Spent \$1,496,965 (last cycle \$1,285,413)	
Small Quantity Generator Implementation (SQG)	This grant category is directed at the management of hazardous waste generated in quantities small enough to meet the moderate risk waste definition. The target of activities under this category is the small business community. Grant-eligible items include information and education components such as seminars, workshops, and information exchanges; technical assistance such as waste consultations, surveys, and audits; and regulatory action such as developing, revising, and implementing ordinances and regulations.
State Share Spent \$933,286 (last cycle \$949,586)	
Household Hazardous Waste Implementation (HHWI)	Grant activities in this category include efforts to promote HHW education and compliance such as resource centers and hotlines, publicity, printed and audio-visual materials, and tasks such as developing and implementing ordinances and regulations. Also eligible are the preparation of moderate risk waste emergency response plans and providing training for local government staff in handling moderate risk waste.
State Share Spent \$688,303	

Table 20 - CPG Program Category Descriptions	
(LISTED IN ORDER OF AMOUNT SPENT)	
Category	Description
(last cycle \$581,971)	
Solid Waste Planning (SWP)	Local governments are required by the state's solid waste management law to review their comprehensive solid waste management plans every five years and update them as necessary. Grant funding for updates is limited to those elements needing revision.
State Share Spent \$227,501 (last cycle \$369,788)	
Moderate Risk Waste Capital (MRWC)	All capital costs associated with HWCD grants are eligible under this category.
State Share Spent \$190,988 (last cycle \$50,624)	
Hazardous Waste Planning and Evaluation (HWPE)	Hazardous waste plans are not required to be revised, but Ecology encourages local governments to periodically review and update their local hazardous waste/moderate risk waste plans. The evaluation of how well projects meet the objectives of the plan is also eligible.
State Share Spent \$129,000 (last cycle \$21,562)	

Key to acronyms for grant categories in Table 21:

HWCD = Hazardous Waste Collection and Disposal

HWPE = Hazardous Waste Planning and Education

MRWC = Moderate Risk Waste Capital

HHWI = Household Hazardous Waste Implementation

SWP = Solid Waste Planning

SQG = Small Quantity Generator

Table 21 - 2000-01 CPG Grant Details -

Table 21 - 2000-01 CPG Grant Details		
Central Region		
Benton County Solid Waste		
G0000242	\$300,588	Bill Henager, (509) 786-5611
HWCD \$178,625, WRRRA \$107,446, WRRRC \$14,517		
Household hazardous waste (HHW) collection and disposal through the fixed facility located in the City of Richland diverted from the landfill 344,173 pounds of motor oil, 12,595 pounds of antifreeze, 130,931 pounds of auto batteries, 4,427 pounds of household batteries, 9,165 pounds of pesticides, 74,825 pounds of oil paint, 5,660 pounds of acids, and 6,060 pounds of bases. Waste reduction and recycling education and outreach was conducted, with an emphasis on the commercial sector. Six mobile collection events were held, outreach to 9 businesses was conducted, 16 workshops were held, including 2 on backyard composting and 1 on the proper management of vehicle fluids, and classroom presentations on waste reduction and recycling were held in 20 classrooms. A chipper was purchased for the recipient's wood waste disposal program. Progress was made in completing the update of the solid waste management plan.		
Chelan County		
G0000089	238,890	Brenda Harn (509) 667-6631

HWCD \$81,632, WRRRC \$81,006, MRWC \$52,853, WRRRA \$18,509, SWP \$2,652, SQG \$2,238		
For household hazardous waste (HHW) and small quantity generators (SQG) one event was held each year [at 4 locations] for the collection of HHW and SQG waste, for a total of 8 events over the life of the grant. Two collection events were held, one each spring, for white goods and other scrap metal, including cars. Work on the solid waste plan was begun. Plans were drawn up and a permit was issued for the composting operation. Some site work was done on the moderate risk waste (MRW) collection site. Equipment was purchased for the composting operation and storage containers for the MRW facility.		
Douglas County Solid Waste		
G0000081	\$142,746	Ron Draggoo (509) 886-0899
HWCD \$53,592, SWP \$30,776, WRRRA \$24,049, HHWI \$16,933, MRWC \$12,450, SQG \$4,946		
Promotion of collection events for homeowners and small quantity generators was carried out. Two MRW collection events were held, resulting in the diversion of 71,000 pounds of hazardous material by 921 homeowners. Collection events were also held for the collection of plastic pesticide containers (1616 pounds and 819 gallons collected) white goods, scrap metal, auto batteries, and tires. MRW collection events received 1159 pounds of hazardous material turned in by 6 small business owners. A waste-oil heating system was purchased and installed, and the solid waste plan has been updated and is on its way to finalization.		
Kittitas County Solid Waste		
G0000086	\$180,246	Suzanne Tarr, (509) 962-7070
HWCD \$64,413, MRWC \$62,364, WRRRA \$42,925, SQG \$5,504, HHWI \$5,015		
Information on household hazardous waste (HHW) drop-off locations and collection events was disseminated, and the public was educated on what materials are accepted for collection. Programs promoted included the collection event in the upper county, the pesticide container turn-in program, the new fixed facility in Ellensburg, and the oil and antifreeze amnesty turn-in programs held in the lower county. Forty new families took advantage of turn-in opportunities this cycle. Over 100,000 pounds of hazardous material was collected and diverted from the landfill, as well as 99,000 pounds of motor oil, 7,100 of antifreeze, and 69,900 of car batteries. Technical assistance was provided to small quantity generators (SQG) through advertisements and speaking engagements. A fixed MRW collection facility has been constructed, along with a covered and fenced storage/bulking area. Four Master Composter classes were held in the county, school presentations were given, a booth at the fair was staffed, a Web site was established, and a junk-car collection event was held that netted 318 vehicles. Drop boxes were purchased for a site in the eastern end of the county, as well as containers for the collection of antifreeze.		
Klickitat County Solid Waste		
G0000227	\$121,300	John Longfellow (509) 773-4448
WRRRA \$67,917, HWCD \$27,087, HHWI \$16,164, SWP \$9,031, SQG \$678, HWPE \$423		
The county's moderate risk waste (MRW) management plan was updated. MRW planning and promotion was carried out, resulting in a 25 percent increase in material collected over previous grant cycles. A total of 139,529 pounds of MRW was collected during the life of the grant. The solid waste management plan was updated. Waste reduction and recycling activities were carried out, including program promotion through the program's Web site, in classroom presentations, at a booth at the county fair, and by sponsorship of a Master Composter teaching program. Established brush-chipping sites in four locations were heavily used, so much so that the budget for this activity was exceeded by the end of the third quarter and the sites were closed down for lack of funding.		
Okanogan County Public Works		
G0000221	\$112,837	Sue Christopher (509) 422-2602
HWCD \$68,345, WRRRC \$35,039, WRRRA \$9,453		
HHW totals were 34,169 pounds of oil collected and diverted, 5,110 pounds of antifreeze, 3,736 pounds of pesticides, 1,532 pounds of latex paint, 19,995 pounds of oil paint, 620 pounds of acids, 894 pounds of bases, and 11,049 gallons of solvents turned in at the HHW facility through the life of the grant by 335 participants. There was also a new baler purchased for the cardboard recycling operation, and some education and tours of the landfill conducted.		
Town of Twisp		
G0100029	\$75,000	all WRRRC Gina Monteverde (509) 996-3398
The task was to grade, excavate, pour concrete for a slab and loading dock, install utilities, and construct a metal building for collecting, consolidating, storing, and shipping recyclable commodities generated in the Methow Valley. The building is located on a piece of property owned by the county and is leased to the Methow Conservancy. All		

work has been completed, the building is fully operational, a cardboard baler has been purchased, and collection of recyclable commodities has begun.		
Yakima County Public Works		
G0000079	\$462,906	Don Gatchalian (509) 574-2300
HWCD \$402,153, WRRRA \$42,340, SQG \$18,413		
HHW totals were 1,728,597 pounds turned in by 8,186 visitors and 34,013 pounds of waste exchanged by 716 visitors. SQG totals were 935,416 pounds of SQG waste turned in by 2341 visitors to the facility. As a percentage of hazardous waste collected at the fixed facility, SQG waste continues to increase, amounting to around 50 percent of the material collected during this grant cycle. Twenty-two workshops were held, which 5,230 people attended.		
Adams County Public Works		
G0000302	\$115,580	Dixie Fultz (509) 488-0529
WRRRA \$80,754, HWCD \$25,386, WWRC \$9,620		
Worm composting projects were established at Ritzville and Lind grade schools and Othello and Washtucna high schools. Placed 260 small recycling bins in 3 grade schools in Othello. Implemented paper recycling in county offices. Developed, printed, and distributed 4,500 copies of a two-page newsletter discussing recycling and HHW programs in the county.		
Asotin Landfill		
G0000253	\$111,744	Stephen L. Becker (509) 758-1965
HWCD \$69,744, WRRRA \$42,000		
Through education, promotion, and advertisement of the household hazardous waste and waste reduction and recycling programs, Asotin County was able to achieve a significant increase in collection and waste reduction and recycling amounts. Sixty-six tons of used motor oil was collected and recycled. Cardboard and newspaper collected totaled approximately 285 tons each.		
Ferry County Public Works		
G0000255	\$30,057	Louis Miller (509) 775-5217
WRRRA \$16,815, HWCD \$5,196, SWP \$2,540, HHWI \$1365, MRWC \$428		
Fifty-two tons of glass and 117 tons of scrap metal were processed and diverted at the transfer station. Fifty-six people took advantage of 2 HHW collection events. Freon removal was conducted on 164 refrigeration units. Compost bins and recycling were promoted with seminars attended by 100 people and also at county fair booths. Also a total of 6500 pounds of used oil was collected.		
Franklin County Public Works		
G0000267	\$138,388	Sally McKenzie (509) 545-3551
WRRRA \$81,699, HHWI \$39,371, HWCD \$39,506, MRWC \$9,746, SQG \$443		
County maintained several recycling drop-box sites and collected 300 tons of recyclables annually. HHW collection facility is open weekdays; used oil and antifreeze is collected from other sites also. Conducted composting workshop and distributed 400 compost bins. Conducted S.M.A.R.T. (Save Money and Reduce Trash) workshops for schools and local groups.		
Garfield Co. Solid Waste		
G0000293	\$67,341	Mike Selivanoff (509) 843-1301
WRRRA \$60,768, SWP \$5,360, HWCD \$1,213		
Purchased 4 recycling bins and collected 420 cubic yards of recyclable material. Completed solid waste plan update. Encouraged diversion of HHW to the Asotin Landfill. Privatized recycling contract.		
Grant County Public Works		
G0000266	\$138,081	Joan Melvin (509) 754-6082
HWCD \$79,187, WRRRA \$38,504, HHWI \$9,693, WRRRC \$9,478, SQG \$1,219		
Conducted 150 classroom presentations on recycling and HHW to 3400 students. Composting workshops were attended by 60 people. Four HHW events collected 100,000 pounds of waste from 857 customers. A hulk vehicle collection event took in 309 hulks for recycling. Published an index of recycling centers.		
Town of Wilson Creek		

G0000351	\$407 all WRRC	Scott Mortimer (509) 345-2288
Purchased baler for cardboard recycling.		
Lincoln County Public Works		
G0000183	\$37,958	Marcia Bircher (509) 725-7041
WRRRA \$20,440, WRRC \$13,819, HWCD \$3,699		
Promoted recycling at an educational booth at the county fair; distributed flyers to 2000 residents. Collected 4,400 pounds of used motor oil, diverted 231 tons of metal at the transfer station. Collected 745 tons of recyclables at 8 different drop-box sites. Reduction of transfer station revenue is causing problems for the solid waste department.		
Pend Oreille County Public Works		
G0000152	\$72,135	Paul R. Wilson (509) 447-4821
HWCD \$47,340, WRRRA \$19,258, HWPE \$2,582, SWP \$2,582, HHWI \$373		
Total HHW collected was 91,770 pounds, of which 77,774 pounds was recycled or reused. The Solid Waste Management Plan was updated. Recycling promotion resulted in 1,172 tons of recyclables, including 887 tons of scrap metal. Three collection bins were purchased for mixed waste paper, and various MRW capital purchases were made.		
Spokane Regional Solid Waste System		
G0000187	\$805,963	Jessie Lang (509) 625-6529
WRRRA \$354,710, HWCD \$336,745, HHWI \$95,081, WRRC \$13,701, SQG \$5,726		
The System continues to extensively promote recycling and claims to have exceeded a 40 percent recycling rate. Curbside volumes totaled 30,000 tons of recyclables over the life of the grant, and 3 transfer stations added 6,000 tons. The Waste Reduction and Audit Program (WRAP) conducted 200 business waste audits. An insert, "One Man's Trash," was placed in the Spokesman Review 8 times, with a circulation of 70,000 each time. The recycling hotline handled an average of 1000 calls per month over the life of the grant. A booth was staffed at 24 different fairs or events, reaching nearly 6000 residents. Composting was promoted with 44 seminars and nine different Compost Fairs, reaching 3830 people, and distributing 1,240 compost bins. Serious effort was also made in household hazardous waste education and outreach. Forty-nine training sessions were attended by 1,700 individuals and approximately 15,000 brochures and flyers were distributed. Volumes remained high at the HHW collection facilities, which were used by 58,000 customers. In the small quantity generator field, over 1500 owners, managers, employees, and contractors received training, and 170 businesses disposed of moderate risk waste at 23 monthly events.		
Stevens County Public Works		
G0000150	\$136,929	Dennis Durbin (509) 738-6106
WRRC \$45,371, HWCD \$30,925, WRRRA \$27,788, MRWC \$18,843, HHWI \$9,940, SWP \$3,702		
A glass-grinding machine, large recycling roll-off containers, a can-sorting conveyor, and a 4'x4' commodity scale were among the waste reduction recycling capital equipment items purchased. Five hundred tons of metal items were recycled during the period. The MRW facility was visited by 1000 customers. The Solid Waste Management Plan was updated.		
Walla Walla/Columbia Counties		
G0000238	\$285,061	Sharon Johnson (509) 527-3282
HWCD \$130,205, HWPE \$85,905, WRRRA \$62,051, SWP \$6,900		
Curbside recycling in the city of Walla Walla continues to be offered. Additionally, 7 neighborhood recycling stations collected approximately 200 tons of recyclables. Three recycling drop boxes serve the residents of Columbia County. A business assistance program (Green Seal) awarded 6 new Green Seals to area businesses and approved 51 renewals. Totals for HHW were 226,000 pounds from 2865 customers at the Sudbury landfill and the Columbia County Transfer Station. Collection events were also held in Prescott, Waitsburg, Starbuck, Dayton, and Burbank, where 167 customers accounted for 22,557 pounds of HHW.		
Whitman Co Public Works		
G0000301	\$111,050	Julie Fox (509) 397-6206
WRRRA \$69,073, HWCD \$38,160, HHWI \$3,817		
Conducted countywide HHW collection events, used oil collection, and recycling. Extensive recycling promotion in Pullman, Colfax, and the smaller towns in the county.		

Clallam County Dept. of Community Development		
G0000204	\$118,740	Jennifer Barnhill (360) 417-2347
HWCD \$77,446, HHWI \$23,577, HWPE \$10,410, SQG \$7,307		
Conducted education and information program on moderate risk waste. Held HHW collection event in Port Angeles resulting in 25 tons of material collected from 665 vehicles. Another event in the western part of the county collected 5,000 pounds, exclusive of oil and antifreeze. Produced report titled Small Quantity Generators in Clallam County.		
City of Port Angeles		
G0000223	\$67,952	Dale Miller (360) 417-4874
WRRR \$63,831, MRWC \$4,121		
Produced 4-page newspaper tab promoting recycling and distributed to 20,000. Conducted regular promotional efforts at schools and community events. Increased recycling by 15 percent, partially as a result of converting to 90-gallon containers (from 300) for each household.		
Clark County Public Works		
G0000165	\$683,268	Rob Guttridge (360) 397-6118 ext 4344
HWCD \$312,000, WRRR \$264,000, SQG \$107,268		
Clark County operates 3 permanent HHW facilities and a mobile collection service that visits rural communities. For this grant period, 3,650 participants brought in over 750 tons of hazardous waste. The SQG program concentrated on radiator shops and the drains of other service businesses. A total of 183 business technical visits and 171 business contacts were conducted. Recycling and composting promotions were directed at thousands of residents, teachers, and students.		
Cowlitz County Dept. of Public Works		
G0000219	\$ 186,000	Jeff Scott (360) 577-3125
HWCD \$163,500, WRRR \$18,000, SQG \$4,500		
Approximately one million pounds of HHW was properly disposed of by 2,777 participants. SQG efforts consisted of 175 business contacts and 10 waste audits. Recycling was promoted through workshops, brochures, and newspaper ads.		
City of Kelso		
G0000212	\$15,921 all WRRR	Jerry Stinger (360) 577-3361
Improved drop-box sites with better signage and maintenance resulting in 16 percent increase in volume of recyclables.		
City of Longview		
G0000213	\$45,658	Jerry Stinger (360) 577-3361
WRRR \$23,705, WRRR \$21,953		
Recycling was promoted through brochures and newspaper ads.		
Grays Harbor County Utilities and Development		
G0000214	\$206,384	Jennifer Goodheart (360) 249-4222
HWCD \$130,000, WRRR \$50,000, HHWI \$15,000, SQG \$11,384,		
The MRW facility collected nearly 80 tons of materials from almost 2900 participants. Used oil was the largest part of the total, followed by latex paint. Produced recycling promotional video for elementary schools, instituted mixed waste paper recycling at schools, and used radio ads and promotional slides at the movie theater to promote recycling and use of HHW facility.		
Jefferson County Public Works		
G0000115	\$131,528	Richard Talbot (360) 385-9243
Molly Pearson (360) 379-4458		
HWCD \$94,862, WRRR \$25,390, MRWC \$11,276		
Use of the HHW facility increased over the cycle by 78 barrels and 180 customers. During the middle of the cycle it was noted that the collection of latex paint was excessive, requiring a disproportionate amount of staff time. More than 46,000 pounds were collected, with 15,000 pounds reused or recycled. The County has recently been promoting collection of only reusable latex, which is available to the public, and working toward an education campaign (through WRRR) that will encourage residents to handle their own "dribbles and drabs" in a responsible		

fashion. For WRRRA the focal point has been MRW and SQG education and promotion in the residential and commercial communities. MRW capital purchases included a fork lift, a computer, a collection trailer, and a weigh scale.		
Lewis County Dept. of Community Development		
G0000108	\$207,602	Michael Zengel (360) 740-1451
HWCD \$125,812, WRRRA \$47,905, HHWI \$18,293, MRWC \$15,592		
Emphasis was on the promotion of waste reduction and recycling via education and public information. A total of 30 events involved an estimated 23,000 participants, 1560 students, and 100 volunteers. There were community education booths at fairs and community celebrations, 20 Saturday recycling events, and special efforts to recycle phone books, Christmas trees, computers, and appliances. Educating small quantity generators (SQG) and consumers regarding household hazardous waste (HHW) resulted in over 2,000 participants disposing of approximately 80 tons of HHW during the grant period. In addition, 174 tons of used motor oil was recycled. Computers, monitors, fluorescent light bulbs, and propane tanks were added to the list of materials accepted. A canopy was purchased and installed to prevent rainwater infiltration into the working area of the HHW facility.		
Mason County Utilities and Waste Management		
G0000215	\$121,150	Toni Clement (360) 432-5126
HWCD \$60,714, WRRRA \$60,436		
Established an interlocal agreement with Kitsap County which permits Mason County residents to use Kitsap's MRW fixed facility, to supplement the efforts of the annual collection event. Approximately 3000 participants disposed of 63,922 pounds of HHW, of which 11,355 pounds was recycled. Efforts to promote recycling were partially responsible for the 3.5 million pounds of recyclables collected within the county.		
City of Shelton		
G0000149	\$44,000	Toni Clement (360) 432-5126
WRRRA \$41,117, SQG \$2,883		
Emphasis on education and information at major community events such as the County Fair and Oysterfest. Reached 22,622 participants at such events. Distributed brochures on curbside recycling and recycling center schedules, resulting in a slight increase in recycling volume.		
Pacific County Dept. of Community Development		
G0000175	\$133,515	Brian Dickey (360) 875-9356
HWCD \$109,394, SWP \$11,250, WRRRC \$5,543, WRRRA \$3,750, SQG \$3,578		
Utilization of the fixed HHW facility increased from 130 households in 2000 to 296 participating in 2001. A total of 141,576 pounds of used oil was collected, all used for energy recovery. Recycling drop boxes took in 814,893 pounds of recyclables. A new box for cardboard recycling was placed in Ocean Park. There were 32 SQG business visits. Members of the Pacific County Solid Waste Advisory Committee developed food waste programs at the schools.		
Pierce County Public Works		
G0000222	\$736,859	Rick Johnston (253) 798-4657
WRRRA \$549,428, HWCD \$146,320, SWP \$41,111		
Continued an aggressive campaign to promote curbside recycling utilizing a hotline, brochures and door hangers, news releases, and a newsletter mailed to every county resident. Instituted mobile collection facility for HHW. Updated the Tacoma-Pierce County Solid Waste Management Plan.		
Tacoma-Pierce County Health Dept.		
G0000263	\$194,760	John Sherman (253) 798-6528
HHWI \$105,480, SQG \$53,400, HWCD \$25,440, HWPE \$10,440		
Conducted 157 SQG business visits with special outreach to dry cleaners and auto repair shops, and participated in Envirostars program. Approximately 6,800 participants were introduced to HHW information at 28 different workshops or events such as the Home Show and Children's Health Fair. Also the HW hotline handled over 8,000 calls. There was promotion of used oil and antifreeze collection by private vendors as a product stewardship effort.		
City of Tacoma Solid Waste		
G0000294	\$353,814	Bill Smith (253) 593-7719
WRRRC \$191,426, WRRRA \$93,973, SQG \$45,281, HWCD \$23,134		

Conducted study of citywide recycling participation. Increase in tonnage from 1999 through 2000 was nearly 18 percent in commercial recycling, over 7 percent in curbside, and over 9 percent in curbside yard waste collection. A correlation between container size pricing and recycling rate was confirmed. Purchased 1500 bins for residential glass recycling. HHW collection at the landfill in cooperation with the county continued, generating impressive volumes. SQG activities consisted of business visits and waste load checks at landfill. Participated in grass cycling events with mulching mower sales.

Skamania County

G0000295 **\$99,422** **Brad Uhlig (509) 427-9456**

WRRC \$41,954, HWCD \$26,666, SWP \$19,537, WRRR \$11,625

Conducted HHW collection events once each summer averaging 140 participants. Prepared Solid and Moderate Risk Waste Plan updates. Purchased 100 residential compost bins. Brought waste reduction and recycling information to schools. Added a loading dock to the recycling facility.

Thurston County Water and Waste Management

G0000194 **\$177,525** **Janine Bogar (360) 786-5136**

WRRR \$173,325, SWP \$4,200

Focusing on organic wastes, the county conducted 12 backyard vermiculture and composting workshops attended by more than 300 people. Residents purchased 2000 compost bins at 40 percent of cost. Started building materials drop-off site at the landfill in August 2001, and diverted 12 tons of material by year's end. The Home Waste-Not guide, distributed to all county residences, was updated, referencing all information related to solid and hazardous waste, including disposal options and fees, handling, and the contacts for organizations which accept donated items. Staff trained 31 master recyclers who volunteered 500 hours of community service. Completed and adopted revisions to the solid waste plan.

Thurston County Health Department

G0000195 **\$219,000** **Rachel Donnette (360) 754-4111**

SQG \$131,400, HHWI \$60,000, HWCD \$27,600

Operated Common Sense Gardening Program with the goal of reducing pesticide use. Researched and wrote guides to mulching mowers and natural lawn care, and distributed over 15,000 *Common Sense Gardening Guides*. Operated extensive used oil collection program and ambitious Small Quantity Generator Program.

Wahkiakum County

G0000325 **\$22,500**

WRRC \$12,000, SWP \$10,500

Updated solid waste plan and purchased large recycling bins for drop-off site.

Island County Public Works

G0000162 **\$214,578** **Jerry Mingo (360) 679-7386**

HWCD \$211,330, MRWC \$3,248

Continued to improve the efficiency of their HHW facility by purchasing a new floor scale, which is currently in use. This decreases the handling and time required to use small-capacity scales and to transport drums to an off-site scale. The recipient also purchased mixing equipment to allow solidification of latex paint, freeing up resources (time and money) to deal with HHW that comes to the facility. The county also cut a section of existing concrete to prepare the facility for expansion, which will include a drum storage facility.

King County Solid Waste Division

G0000211 **\$545,689** **Morgan John (206) 296-8443**

WRRC \$315,136, WRRR \$105,548, SWP \$77,360, HHWI \$47,645

Natural yard care programs, including grasscycling and compost bin distribution, continue to be very successful and popular with residents in King County. The programs are supported by King County Solid Waste Division (KCSWD) and Seattle Public Utilities (SPU), as well as many suburban cities. KCSWD and SPU were involved in funding and providing staff at nine grasscycling events where residents of King County could purchase subsidized new mulching mowers and recycle used mowers. The purpose is to reduce the generation and collection of grass clippings and ultimately the volume of yard waste in the solid waste system. Regionwide, 6,645 mowers were distributed at the nine events, and approximately 5,325 used mowers were recycled. Mower sales were 16 percent above expectations; mowers recycled were 24 percent above expectation. The events were attended by

approximately 9,000 people. Survey results of purchasers of the mowers were overall very positive. The total backyard compost bin distribution for KCSWD and SPU for the grant cycle was 10,947 bins. Several thousand more compost bins were distributed by suburban cities at their own events. Survey results indicate that 80 percent of those who purchased bins were using them; the events also got overall high marks from participants.		
Public Health—Seattle & King County		
G0000171	\$1,047,313	Gordon Clemans (206) 296-3989
HWCD \$691,227, SQG \$356,086		
CPG funds were used to collect 587 tons of HHW during the first 3 quarters of the grant period. Approximately 60 percent of the material was reused or recycled. In the SQG category, 1,004 businesses were visited and their hazardous materials handling practices were audited. Businesses targeted were the transportation industry, marinas, and lithography. Activities were continued with local funds after CPG funds were exhausted.		
City of Algona		
G0000133	\$1512 all WRRC	Ray Pullar (253) 833-2741
Distributed 50 compost bins resulting in 13 tons of yard waste diversion.		
City of Bellevue		
G0000208	\$70,397	Tom Spille (425) 452-6964
HHWI \$44,640, WRRC \$14,557, WRRRA \$11,200		
Converted two vehicle fleets in the city to the use of re-refined motor oil. Participated in the grasscycling campaign. Worked on sustainable building design and outreach.		
City of Black Diamond		
G 0100142	\$1,945 all WRRC	Cris Kandior (253) 631-0351
Distributed 60 compost bins, resulting in an estimated diversion of 15.3 tons of yard waste.		
City of Burien		
G0000189	\$19,921	Dean Tatham (206) 248-5511
WRRC \$13,155, WRRRA \$6,766		
Distributed 350 compost bins, resulting in an estimated diversion of 89.3 tons of yard waste.		
City of Covington		
G0000130	\$19,687	Andy Dempsey (253) 638-1110
HWCD \$15,471 \$WRRC \$4,216		
Conducted 4 special collection events for HWCD and took in 175 tons of material, all of which was reused or recycled. Also sold 74 compost bins.		
Cities of Duvall, North Bend, Snoqualmie		
G0000229	\$24,331	Cecelia Boulais (425) 788-1185
WRRRA \$9,926, HHWI \$5,880, HWPE \$5,825, WRRC \$2,700		
Increased curbside yard waste collection, promoted integrated pest management. Distributed 73 oil drainainers.		
City of Enumclaw		
G0000132	\$16,599	Vickie Forler (360) 825-3593
WRRRA \$12,945, WRRC \$3,654		
Produced and distributed 1500 copies of Enumclaw Guide to Business Recycling and held two business special recycling events in which approximately 8 tons of recyclables were collected. Also distributed 151 compost bins.		
City of Federal Way		
G0000210	\$83,084	Rob Van Orsow (253) 661-4141
WRRRA \$46,568, WRRC \$22,577, HWPE \$12,539, HWCD \$1,400		
Distributed 682 compost bins, resulting in an projected diversion of 174 tons of yard waste. Sent out a total of 52,000 integrated pest management postcards in a series of 3 mailings. Participated in grasscycling campaign.		
City of Issaquah		
G0000174	\$5201 all WRRRA	David Fujimoto (425) 837-3412
Conducted a sustainable building survey with architects, contractors, and developers. Also conducted composting classes and distributed 303 compost bins and 54 worm bins.		

City of Kenmore		
G0000157	\$25,337	Carter Hawley (425) 398-8900
WRRRA \$9,993, WRRRC \$9,950, HHWI \$5,394		
The city produced 3 different guidebooks: Kenmore Guide to Recycling; Kenmore Yard Debris Reduction Guide, and Residential Water Quality Guide 7500 copies of each were printed and distributed. Two compost bin distribution events were held and a total of 544 bins were distributed.		
City of Kent		
G0000139	\$85,497	Robyn Bartelt (253) 856-5549
WRRRA \$50,465, WRRRC \$35,032		
Kent claims the highest overall recycling participation rate among King County suburban cities with 87 percent participation among single-family residences and 72 percent when multifamily units are considered. The city held 12 workshops or events in which there were 25,549 participants. Distributed 949 compost bins. Promoted the purchase of recycled products such as rain pails and city procurement of such products.		
City of Kirkland		
G0000158	\$62,980	Ann Scheerer (425) 828-1246
WRRRA \$51,977, WRRRC \$11,003		
Promoted business and multifamily recycling, purchased 100 compost bins.		
City of Lake Forest Park		
G0100131	\$1,034 all WRRRC	Team Nesoff (206) 368-5440
Placed new recycling collection unit at city-owned park.		
City of Maple Valley		
G0000159	\$19,045	Diana Pistoll (425) 413-8800
WRRRA \$9,219, WRRRC \$8,299, HWCD \$1,527		
Produced and distributed 6,500 copies each of Maple Valley Recycling Guide and Yard Debris Reduction Guide. Purchased and distributed 260 residential compost bins. Conducted HHW collection event.		
City of Mercer Island		
G0000184	\$27,131	Glen Boettcher (206) 236-5329
WRRRA \$10,810, HHWI \$9,990, WRRRC \$6,331		
Distributed a series of 5 integrated pest management post cards in mailings of 7000 each to single-family residents. Distributed 403 backyard compost bins and 200 rain pails manufactured with 100 percent postconsumer recycled content.		
City of Newcastle		
G0000131	\$10,569	Mary Van Wagnen (425) 649-4444
HWCD \$8,369, WRRRC \$2,200		
Conducted 4 special collection events for HWCD and took in 86 tons of material, all of which was reused or recycled. Also sold 266 compost bins.		
City of Normandy Park		
G0000186	\$7,937 all HHWI	John Everett (206) 248-7603
Produced and distributed 4,200 copies of Best Management Practices pamphlet targeting hazardous waste generated from construction activities within the city.		
City of Redmond		
G0000185	\$23,224	Karen Gustafson (425) 556-2832
WRRRA \$16,681, WRRRC \$5,712, HHWI \$831		
Promoted 6 recycling and collection day events which collected 513 tons of hazardous and hard-to-recycle material. Purchased 500 sets of three stacking bins for single-family residents. Hauler reported 319 new single-family units using recycling bins.		
City of Renton		
G0000228	\$53,958	Linda Knight (425) 430-7397
HHWI \$50,362, WRRRC \$3,596		

Held 46 one-hour composting workshops promoted by 16,000 inserts in utility bills.		
City of Sammamish		
G0000132	\$8012 all WRRC	Pete Butkus (425) 836-7901
Sold 319 compost bins at two events in 2001.		
City of SeaTac		
G0000191	\$33,948	Desmond Machuca (206) 439-4730
WRRR \$27,424, WRRR \$6,524		
Worked with area hotels and high school hotel management students to increase recycling in hospitality industry. Conducted three worm composting classes and distributed 106 bins. Switched to curbside recycling, which should increase recycling rate.		
Seattle Public Utilities		
G0000155	\$626,880	Hans Van Dusen (206) 684-4657
WRRR \$329,903, WRRR \$296,977		
Seattle Public Utilities' Natural Lawn Care Program, which CPG supports, received the 2001 Silver Anvil Award for Excellence in Community Education from the Public Relations Society of America.		
City of Shoreline		
G0000209	\$33,005	Rika Cecil (206) 546-5745
WRRR \$26,519 WRRR \$6,486		
Updated Shoreline Guide To Recycling. Purchased 788 residential compost bins.		
Town of Skykomish		
G0000129	\$2,374 all WRRR	Marian Kiernan (360) 677-2388
Special collection event collected 5.6 tons of hard-to-recycle materials.		
City of Tukwila		
G0000190	\$17,505	Rebecca Fox (206) 431-3683
WRRR \$15,173, WRRR 2,332		
Held business recycling meeting attended by 27, and conducted 142 business visits. Purchased 150 compost bins.		
Kitsap County Public Works		
G0000133	\$423,147	Gretchen Olsen (360) 337-4626
HWCD \$245,371, WRRR \$134,362, HHWI \$36,398, SQG \$7,016		
Started collecting fluorescent light tubes at their MRW facility in October 2000 as a result of new Ecology regulations pertaining to mercury. The county also provided 2 workshops on re-refined motor oil use to Kitsap County fleet managers in the public and private sectors, which resulted in 6 fleets switching to re-refined oil use.		
Bremerton-Kitsap County Health Department		
G0000134	\$87,702 all SQG	Jan Brower (360) 692-3611 ext 235
Developed and implemented a Voucher Incentive Program for Kitsap County businesses. VIP funds are being given to dentists who elect to participate in a technical assistance visit and implement pollution prevention recommendations. The Health District also launched their dental outreach campaign; a presentation on dental hazardous waste management/EnviroStars will be given at an upcoming meeting of the Kitsap County Dental Assistants Society and the Kitsap County Dental Hygienists Society.		
San Juan County Public Works		
G0000169	\$105,883	Jon Shannon (360) 378-2114 ext. 519
WRRR \$40,036, WRRR \$31,000, HWCD \$30,794, HHWI \$2,581, SQG \$1,405		
Worked to improve the handling capabilities of the MRW fixed facility at Lopez Island and to provide safe locked storage of MRW products. The Lopez interim storage site was upgraded and safety equipment was installed.		

Skagit County Public Works		
G0000163	\$238,541	Janice Proper (360) 336-9400
HWCD \$109,583, WRRRA \$92,704, SQG \$26,690, HHWI \$10,194		
Provided 65 workshops on waste reduction and recycling, including compost workshops, master gardener classes, and workshops at farmer's markets. Skagit County had 2,406 people participate in these workshops. Provided a large number of classroom presentations on WRR topics, with a total of 4,782 pupils. Skagit County distributed 18,750 brochures on WRR topics, and had help from 431 volunteers. The MRW collection facility was visited by 4076 county residents and 169 SQGs and handled 570 tons of HHW and SQG waste.		
Snohomish County Public Works		
G00000161	\$839,080	Dave Shea (425) 388-6052
All HWCD operations and promotion		
In addition to their regular MRW collection activities at their large fixed facility and with collection events in outlying towns, Snohomish County Solid Waste Management Division implemented several new MRW programs. They started a fluorescent and high intensity discharge bulb recycling program and changed the county waste acceptance policy to exclude these bulbs from the MSW stream. They operated a salvage store and started collecting dry-cell batteries and propane tanks. In addition they instituted a mercury fever thermometer exchange at the MRW facility.		
Snohomish County Health District		
G00000135	\$80,728	Gary Hanada (425) 339-5250
HHWI \$37,951, SQG \$42,777		
Conducted 97 inspections of MRW facilities, and 21 SQG technical assistance visits. This grant focused on education in support of solid waste enforcement.		
City of Edmonds		
G0000137	\$35,560 all WRRRA	Steve Fisher (425) 771-0235 ext 1603
Conducted 58 business visits and 8 school visits, promoted spring cleanup events, recycling in city parks and multifamily residences, Christmas tree and plastics recycling, and compost bin distribution.		
City of Everett		
G0000138	\$76,586	Jack Harris (425) 257-8988
WRRRA \$51,598, WRRRC \$24,988		
Provided waste reduction and recycling assistance to 193 businesses and 125 multifamily residences. Cohosted two grasscycling programs where 1,193 grasscycling lawnmowers were sold. Participated in 2 compost bin distribution events where a total of 11,984 residential compost bins were distributed to city and county residents.		
City of Lynnwood		
G0000136	\$30,522 all WRRRA	Steve Fisher (425) 670-8302
Conducted 71 business visits and 9 school visits, promoted spring cleanup events, Christmas tree and phone book recycling, and compost bin distribution.		
City of Monroe		
G0000160	\$29,318 all WRRRC	Nancy Abell (360) 794-7400
Purchased and distributed 1000 sets of three 12-gallon curbside bins. Also purchased 900 one-hundred-gallon wheeled yard waste toters.		
Whatcom County Public Works		
G0000169	\$364,761	Penni Lempere (360) 676-7695
HWCD \$178,332, WRRRA \$172,587, HHWI \$8,400, SQG \$5,442		
Collected 257 tons of HHW, serving 7,721 customers. Recycling and HHW information was communicated in biannual newsletter which was sent to 85,000 homes. Eight thousand school children were given classroom presentations on the same subjects. Collected 63 tons of small quantity generator waste, serving 901 businesses.		